


PRESENTATION ON MY PYTHON PROJECT HANGMAN GAME


INTRODUCTION

- ▶ This is a simple Python code for the classic game "Hangman". The game works by choosing a random word from a list of words and then displaying a series of blanks, one for each letter of the word. The player then guesses letters in an attempt to reveal the word. If the player guesses a correct letter, it is filled in the corresponding blank. If the player guesses an incorrect letter, they lose a life. The game ends when the player either guesses the word correctly or runs out of lives.


WORKING

- ▶ The code works by first importing the necessary modules, including `random`, `hangman_stages` and `word_file`. The `random` module is used to choose a random word from the list of words in the `word_file` module. The `hangman_stages` module is used to display a visual representation of the hangman game.

- ▶ The code then initializes the following variables:
 - ▶ Lives: The number of lives the player has remaining.
 - ▶ Chosenword: The word that the player is trying to guess.
 - ▶ Display: A list of blanks, one for each letter of the chosen word.
 - ▶ Gameover: A boolean variable that indicates whether or not the game is over.
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- A series of white diagonal lines of varying lengths and slopes are positioned in the bottom right corner of the slide, creating a modern, abstract graphic element.


- ▶ The game loop then begins. On each turn, the player is prompted to guess a letter. The code then checks if the guessed letter is in the chosen word. If it is, the corresponding blank in the display list is replaced with the guessed letter. If the guessed letter is not in the chosen word, the player loses a life.
 - ▶ The game loop continues until the player either guesses the word correctly or runs out of lives. If the player guesses the word correctly, they win the game. If the player runs out of lives, they lose the game.
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USES

- ▶ The Hangman game can be used for a variety of purposes, including:
 - ▶ Education: The game can be used to teach children about spelling, vocabulary, and problem-solving.
 - ▶ Entertainment: The game can be played for fun and to challenge oneself.
 - ▶ Competition: The game can be played competitively to see who can guess the word correctly the fastest.
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ADVANTAGES AND DISADVANTAGES

ADVANTAGES

- ▶ The game is simple to learn and play.
 - ▶ The game can be adapted to different skill levels by using different word lists.
 - ▶ The game can be played individually or with a group of people.
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- Several thin, white, parallel diagonal lines are positioned in the bottom right corner of the slide, extending from the right edge towards the center.

DISADVANTAGES

- ▶ The game can be repetitive if played for too long.
 - ▶ The game can be frustrating if the player is unable to guess the word correctly.
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FUTURE SCOPE

- ▶ The Hangman game can be improved in a number of ways, including:
- ▶ Adding different difficulty levels.
- ▶ Adding different game modes, such as a multiplayer mode or a timed mode.
- ▶ Adding different visual elements, such as animations or sound effects.
- ▶ Overall, the Hangman game is a simple but fun and challenging game that can be enjoyed by people of all ages.